

May 8, 2013

Mr. Peter J. Miner, Director  
Nuclear Safety and Safeguards  
USEC Inc.  
6903 Rockledge Dr.  
Bethesda, MD 20817-1818

SUBJECT: DESCRIPTION OF CHANGES TO THE FUNDAMENTAL NUCLEAR MATERIAL  
CONTROL PLAN FOR THE AMERICAN CENTRIFUGE LEAD CASCADE  
FACILITY AND THE AMERICAN CENTRIFUGE PLANT - TECHNICAL  
ASSIGNMENT CONTROL NUMBER L34202

Dear Mr. Miner:

This is in response to your November 9, 2012 (AET 12-0057), letter submitting to the U.S. Nuclear Regulatory Commission (NRC) a description of changes to the Fundamental Nuclear Material Control Plan (FNMCP) for the American Centrifuge Lead Cascade Facility and the American Centrifuge Plant, pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) 70.32(c)(2)(ii).

The NRC staff reviewed the submittal to determine the impact of the changes on the effectiveness of the plan. Based on its evaluation, the staff concluded that the changes are non-substantive and the revised FNMCP continues to meet the Material Control and Accounting requirements in Subpart C of 10 CFR 74. Accordingly, the changes to the FNMCP are approved. The enclosure of this letter provides the Safety Evaluation Report prepared by the NRC staff.

This action completes the efforts on Technical Assignment Control Number L34202.

In accordance with 10 CFR 2.390(d) of the NRC "Rules of Practice," a copy of this letter, without the Enclosure, will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System component of NRC's Agencywide Documents Access and Management Systems (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

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P. Miner

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If you have any questions regarding this license, please contact Osiris Siurano-Perez at (301) 492-3117, or via e-mail to [Osiris.Siurano-Perez@nrc.gov](mailto:Osiris.Siurano-Perez@nrc.gov).

Sincerely,

*/RA/*

Brian W. Smith, Chief  
Uranium Enrichment Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

Docket No: 70-7003  
License No: SNM-7003

Enclosure:  
Safety Evaluation Report

cc: Mr. Steven R. Penrod, Vice President, Enrichment Operations  
Mr. Daniel W. Rogers, General Manager, American Centrifuge Plant Operations  
Mr. Vernon J. Shanks, Regulatory Manager  
Mr. Paul E. Sullivan, Vice President, American Centrifuge

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Sincerely,

Brian W. Smith, Chief  
Uranium Enrichment Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

Docket No: 70-7003  
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Enclosure:  
Safety Evaluation Report

cc: Mr. Steven R. Penrod, Vice President, Enrichment Operations  
Mr. Daniel W. Rogers, General Manager, American Centrifuge Plant Operations  
Mr. Vernon J. Shanks, Regulatory Manager  
Mr. Paul E. Sullivan, Vice President, American Centrifuge

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